

Code : R7411208

R07**IV B.Tech I Semester (R07) Supplementary Examinations, May 2012****HUMAN COMPUTER INTERACTION****(Information Technology)****Time: 3 hours****Max Marks: 80****Answer any FIVE questions****All questions carry equal marks***********

1. Discuss in detail the importance of the user interface design.
2. What is meant by graphical system? Explain the characteristics of graphical systems.
3. (a) Discuss about human interaction speeds.
(b) What is meant by basic business function? Explain with example.
4. (a) List various statistical graphic forms and explain surface charts, bar graphs and histograms with suitable example.
(b) State the screen design goals.
5. (a) Explain the characteristics of device based control.
(b) How we can identify the devices which support the respective characteristics.
6. (a) What are the issues to be considered in choosing colors for web pages? Explain them.
(b) What are the characteristics of Icon?
7. Explain in detail about interface building tools.
8. (a) Discuss about various functional keys on the keyboard.
(b) List various speech recognition methods and explain them briefly.
